

In the Claims

Please amend the claims as follows.

Claims 1-53 (Previously canceled).

54. (Currently amended). A recombinant polynucleotide comprising at least one ~~regulatory-enhancer element derived~~ obtained from intron 3 of the PSM gene and a sequence encoding a heterologous polypeptide.

55. (Previously added). A recombinant polynucleotide according to claim 54 in which the recombinant polynucleotide further comprises a promoter.

56. (Previously added). A recombinant polynucleotide according to claim 54 in which the promoter is located upstream from and is operably linked to the sequence encoding the heterologous polypeptide.

57. (Previously added). A recombinant polynucleotide according to claim 55 in which the promoter is selected from the group consisting of a herpes virus thymidine kinase (TK) promoter, a Rous sarcoma virus (RSV) promoter, a promoter active in the prostate, or a promoter active in the vascular endothelium.

58. (Previously added). A recombinant polynucleotide according to claim 54 in which the promoter active in the prostate is selected from the group consisting of a probasin promoter, a PSM promoter and a PSA promoter.

59. (Previously added). A recombinant polynucleotide according to claim 58 in which the promoter active in the prostate is a PSM promoter.

60. (Previously added). A recombinant polynucleotide according to claim 54 in which the regulatory element is an enhancer element.

61. (Previously added). A recombinant polynucleotide according to claim ~~66~~56 in which the enhancer element comprises:

(a) a sequence comprising nucleotides 14,045 to 15,804, nucleotides 14,760 to 15,804, nucleotides 14,760 to 16,575 or nucleotides 14,045 to 16,575 of the PSM gene; or

(b) a nucleic acid sequence which hybridises under high stringency to a sequence defined in paragraph (a).

62. (Previously added). A recombinant polynucleotide according to claim 60 in which the enhancer element comprises a sequence comprising nucleotides 14760 to 14930 as shown in Figure 11 or a sequence which hybridises thereto under high stringency.

63. (Previously added). A recombinant polynucleotide according to claim 60 in which the enhancer element comprises a sequence comprising nucleotides 14760 to 15091 as shown in Figure 11 or a sequence which hybridises thereto under high stringency.

64. (Previously added). A recombinant polynucleotide according to claim 54 in which the polynucleotide comprises two or more regulatory elements derived from intron 3 of the PSM gene.

65. (Currently amended). A recombinant expression cassette comprising at least one regulatory enhancer element ~~derived~~ obtained from intron 3 of the PSM gene, a promoter, and an insertion site into which a coding sequence is optionally inserted, the insertion site being ~~adjacent~~ operably linked to and downstream of the promoter.

66. (Currently amended). A recombinant expression cassette according to claim 65 in which the regulatory enhancer element is ~~located adjacent~~ operably linked to the promoter.

67. (Currently amended). A recombinant expression cassette according to claim 65 in which the regulatory enhancer element is upstream of the promoter.

68. (Currently cancelled).

69. (Currently amended). A recombinant expression cassette according to claim ~~68~~ 65 in which the enhancer element comprises

(a) a sequence comprising nucleotides 14,045 to 15,804, nucleotides 14,760 to 15,804, nucleotides 14,760 to 16,575 or nucleotides 14,045 to 16,575 of the PSM gene; or

(b) a nucleic acid sequence which hybridises under high stringency to a sequence defined in paragraph (a).

70. (Currently amended). A recombinant expression cassette according to claim ~~68~~ 65 in which the enhancer element comprises a sequence comprising nucleotides 14760 to 14930 as shown in Figure 11 or a sequence which hybridises thereto under high stringency.

71. (Currently amended). A recombinant expression cassette according to claim ~~68~~ 65 in which the enhancer element comprises a sequence comprising nucleotides 14760 to 15091 as shown in Figure 11 or a sequence which hybridises thereto under high stringency.

72. (Currently amended). A recombinant expression cassette according to claim 65 in which the expression cassette comprises two or more regulatory elements ~~derived~~ obtained from intron 3 of the PSM gene.

73. (Previously added). A recombinant expression cassette according claim 65 in which the expression cassette comprises a dimer or higher multimer comprising two or more regulatory elements derived from intron 3 of the PSM gene.

74. (Previously added). A recombinant expression cassette according to claim 65 in which the promoter is selected from the group consisting of a herpes virus thymidine kinase (TK) promoter, a Rous sarcoma virus (RSV) promoter, a promoter active in the prostate, or a promoter active in the vascular endothelium.

75. (Previously added). A recombinant expression cassette according to claim 74 in which the promoter active in the prostate is selected from the group consisting of a probasin promoter, a PSM promoter and a PSA promoter.

76. (Previously added). A recombinant expression cassette according to claim 75 in which the promoter active in the prostate is a PSM promoter.

77. (Previously added). A recombinant expression cassette according to claim 65 in which the expression cassette further comprises a polyadenylation signal located downstream from and operably linked to the coding sequence or downstream from the insertion site.

78. (Previously added). A recombinant expression cassette according to claim 77 in which the polyadenylation signal is the SV40 polyadenylation signal or the bovine growth hormone polyadenylation signal.

79. (Previously added). An isolated nucleic acid molecule, the nucleic acid molecule having enhancer activity and comprising

(a) a sequence comprising nucleotides 14760 to 14930 as shown in Figure 11, or

(b) a nucleic acid sequence which hybridises under high stringency to the sequence defined in paragraph (a).

80. (Previously added). An isolated nucleic acid molecule, the nucleic acid molecule having enhancer activity and comprising

(a) a sequence comprising nucleotides 14760 to 15091 as shown in Figure 11, or

(b) a nucleic acid sequence which hybridises under high stringency to the sequence defined in paragraph (a).

81. (Previously added). A recombinant polynucleotide comprising an isolated nucleic acid molecule of claim 79.

82. (Previously added). A vector comprising an isolated nucleic acid molecule as claimed in claim 79.

83. (Previously added). A vector according to claim 82 which further comprises a gene encoding a selectable marker.

84. (Previously added). A vector according to claim 82 in which the vector is a human adenovirus Type 5 or ovine adenovirus.

85. (Currently amended). A method for directing expression of a coding sequence in a cell, the method comprising introducing into the cell a recombinant expression cassette comprising at least one ~~regulatory~~ enhancer element ~~derived~~ obtained from intron 3 of the PSM gene, a promoter, and a coding sequence, wherein the regulatory element and promoter direct expression of the coding sequence.

86. (Currently cancelled).

87. (Currently amended) . A method according to claim ~~86~~ 85 in which the enhancer element comprises

(a) a sequence comprising nucleotides 14,045 to 15,804, nucleotides 14,760 to 15,804, nucleotides 14,760 to 16,575 or nucleotides 14,045 to 16,575 of the PSM gene; or

(b) a nucleic acid sequence which hybridises under high stringency to a sequence defined in paragraph (a).

88. (Currently amended). A method according to claim ~~86~~ 85 in which the enhancer element comprises a sequence comprising nucleotides 14760 to 14930 as shown in Figure 11 or a sequence which hybridises thereto under high stringency.

89. (Currently amended). A method according to claim ~~86~~ 85 in which the enhancer element comprises a sequence comprising nucleotides 14760 to 15091 as shown in Figure 11 or a sequence which hybridises thereto under high stringency.

90. (Previously added). A method according to claim 85 in which the promoter is selected from the group consisting of a herpes virus thymidine kinase (TK) promoter, a Rous sarcoma virus (RSV) promoter, a promoter active in the prostate, or a promoter active in the vascular endothelium.

91. (Previously added). A method according to claim 90 in which the promoter active in the prostate is selected from the group consisting of a probasin promoter, a PSM promoter and a PSA promoter.

92. (Previously added). A method according to claim 91 in which the promoter active in the prostate is a PSM promoter.

93. (Previously added). A method according to claim 85 in which the cell is selected from the group consisting of a prostate cell, a bladder cell, a breast cell or a vascular endothelial cell.

94. (Previously added). A method according to claim 85 in which the cell is a vascular endothelial cell.

95. (Currently amended). A method for the treatment of cancer which method comprises administering to a subject a recombinant expression cassette comprising at least one regulatory enhancer element ~~derived~~ obtained-from intron 3 of the PSM gene, a promoter, and a coding sequence, wherein the regulatory element and promoter direct expression of the coding sequence.

96. (Currently cancelled).

97. (Currently amended). A method according to claim ~~96~~ 95 in which the enhancer element comprises

(a) a sequence comprising nucleotides 14,045 to 15,804, nucleotides 14,760 to 15,804, nucleotides 14,760 to 16,575 or nucleotides 14,045 to 16,575 of the PSM gene; or

(b) a nucleic acid sequence which hybridises under high stringency to a sequence defined in paragraph (a).

98. (Currently amended). A method according to claim ~~96~~ 95 in which the enhancer element comprises a sequence comprising nucleotides 14760 to 14930 as shown in Figure 11 or a sequence which hybridises thereto under high stringency.

99. (Currently amended). A method according to claim ~~96~~ 95 in which the enhancer element comprises a sequence comprising nucleotides 14760 to 15091 as shown in Figure 11 or a sequence which hybridises thereto under high stringency.

100. (Previously added). A method according to claim 95 in which the promoter is selected from the group consisting of a herpes virus thymidine kinase (TK) promoter, a Rous sarcoma virus (RSV) promoter, a promoter active in the prostate, or a promoter active in the vascular endothelium.

101. (Previously added). A method according to claim 100 in which the promoter active in the prostate is selected from the group consisting of a probasin promoter, a PSM promoter and a PSA promoter.

102. (Previously added). A method according to claim 101 in which the promoter active in the prostate is a PSM promoter.

103. (Previously added). A method according to claim 95 in which the cancer is selected from the group consisting of prostate cancer, bladder cancer and breast cancer.

104. (Previously added). A method according to claim 95 in which the cell is a vascular endothelial cell.

105. (Previously added). A method according to claim 95 in which the cancer is prostate cancer.

106. (Previously added). A method according to claim 95 in which the coding sequence encodes the enzyme purine nucleoside phosphorylase (PNP).